Inference at * 1 1 1 1
 of proof for Lemma nth_tl_is_fseg:

1. T : Type
2. L_1 : T List
3. T List
4. u : T
5. v : T List
6. L_1 = nth_tl(‖v‖;v @ L_1)

⊢L_1 = nth_tl(‖v‖+1;[u / (v @ L_1)])
 by ((((RecUnfold ‘nth_tl‘ 0)
 CollapseTHEN (Reduce 0))·)
 CollapseTHEN ((((if (0
) =0 then SplitOnConclITE else SplitOnHypITE (0))·)
 CollapseTHEN (Auto’))·))·

 1: . . . . .falsecase. . . . . NILNIL

  7. 0 < (‖v‖+1)
  ⊢ L_1 = nth_tl((‖v‖+1) - 1;v @ L_1)
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